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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/563,115	01/03/2006	Masaki Mizutani	03500.109446 1106	
5514 7590 06/26/2007 FITZPATRICK CELLA HARPER & SCINTO 30 ROCKEFELLER PLAZA			EXAMINER	
			HITESHEW, FELISA CARLA	
NEW YORK,	NEW YORK, NY 10112		ART UNIT	PAPER NUMBER
			1722	
			MAIL DATE	DELIVERY MODE
			06/26/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary		Application No.	Applicant(s)			
		10/563,115	MIZUTANI ET AL.			
		Examiner	Art Unit			
		Felisa C. Hiteshew	1722			
The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply						
WHIC - Exte after - If NC - Failu Any	ORTENED STATUTORY PERIOD FOR REPLY CHEVER IS LONGER, FROM THE MAILING DATE in majors of time may be available under the provisions of 37 CFR 1.13 SIX (6) MONTHS from the mailing date of this communication. It is period for reply is specified above, the maximum statutory period we re to reply within the set or extended period for reply will, by statute, reply received by the Office later than three months after the mailing ed patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION  16(a). In no event, however, may a reply be tiruly apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	N. nely filed the mailing date of this communication. D (35 U.S.C. § 133).			
Status			•			
1)	Responsive to communication(s) filed on					
2a) <u></u> □						
3)	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is					
	closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.					
Dispositi	on of Claims					
4)🖂	4)⊠ Claim(s) <u>1-4</u> is/are pending in the application.					
	4a) Of the above claim(s) is/are withdrawn from consideration.					
5)⊠	i)⊠ Claim(s) <u>1-3</u> is/are allowed.					
6)⊠	☑ Claim(s) <u>4</u> is/are rejected.					
7)	Claim(s) is/are objected to.					
8)[	8) Claim(s) are subject to restriction and/or election requirement.					
Applicati	on Papers					
9)☐ The specification is objected to by the Examiner.						
10)	10)☐ The drawing(s) filed on is/are: a)☐ accepted or b)☐ objected to by the Examiner.					
	Applicant may not request that any objection to the o	drawing(s) be held in abeyance. See	e 37 CFR 1.85(a).			
	Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).					
11)	The oath or declaration is objected to by the Ex	aminer. Note the attached Office	Action or form PTO-152.			
Priority ι	ınder 35 U.S.C. § 119					
_	12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).					
a)⊠ All b)□ Some * c)□ None of:						
	1. Certified copies of the priority documents have been received.					
	2. Certified copies of the priority documents have been received in Application No					
	3. Copies of the certified copies of the priority documents have been received in this National Stage					
application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.						
and and account detailed office action for a list of the certified copies not received.						
		•				
Attachmen	t(s)					
1) Notice of References Cited (PTO-892)  4) Interview Summary (PTO-413)						
2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) 4. Paper No(s)/Mail Date 5) Notice of Informal Patent Application						
Paper No(s)/Mail Date See Continuation Sheet.						

Continuation of Attachment(s) 3). Information Disclosure Statement(s) (PTO/SB/08), Paper No(s)/Mail Date :5/1/2007; 7/10/2006 & 5/12/2006.

## **Priority**

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

#### Information Disclosure Statement

The Information Disclosure Statement under 37 C.F.R. 1.97 has been received and reviewed. However, the information disclosure is not deemed to be pertinent over the prior art of record.

### Claim Rejections - 35 USC § 112

- 2. Claim 4 recites the limitation "...the step of etching..." in line 4. There is insufficient antecedent basis for this limitation in the claim. Please delete the word "the" (first occurrence) and insert the word -- a -- for proper antecedence.
- 3. Claim 4 recites the limitation "...the range of ..." in line 6. There is insufficient antecedent basis for this limitation in the claim. Please delete the word "the" and insert the word -- a -- for proper antecedence.

## Allowable Subject Matter

- 4. Claims 1-3 are allowed.
- 5. As allowable subject matter has been indicated, applicant's reply must either comply with all formal requirements or specifically traverse each requirement not complied with. See 37 CFR 1.111(b) and MPEP § 707.07(a).
- 6. The following is an examiner's statement of reasons for allowance: The most relevant prior art of record was that which was submitted by the applicants. However, they do not teach nor fairly suggest singularly or in any combination thereof a silicon

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Art Unit: 1722

layer growth method comprising dipping a multicrystalline silicon substrate in a solution comprising silicon and lowering the temperature of the solution, to thereby grow a silicon layer on the substrate, wherein the temperature is monotonic decreasing and the temperature drop rate of the solution during the dipping of the substrate in the solution is decreased with time.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

FELISA HITESHEW PRIMARY EXAMINER

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